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OM nucleic - nucleic search, using sw model

Run on: September 7, 2002, 23:29:31 ; Search time 66.35 Seconds  
(without alignments)  
447.953 Million cell updates/sec

Title: US-09-719-017A-1

Perfect score: 121  
Sequence: 1 gaattccctgtgacaatla.....tatctaagaataacttaca 121

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database :

Issued\_Patents\_NA: \*  
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2: /cgn2\_6/ptodata/2/lna/5B.COMB.seq: \*  
3: /cgn2\_6/ptodata/2/lna/6A.COMB.seq: \*  
4: /cgn2\_6/ptodata/2/lna/6B.COMB.seq: \*  
5: /cgn2\_6/ptodata/2/lna/PCRTUS.COMB.seq: \*  
6: /cgn2\_6/ptodata/2/lna/Backfilest1.seq: \*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description        |
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| 1          | 54.8  | 45.3        | 59     | 2     | US-08-356-161-14   |
| 2          | 54.8  | 45.3        | 59     | 5     | PCT-US93-05702-14  |
| 3          | 54.8  | 45.3        | 59     | 5     | PCT-US95-10973A-14 |
| 4          | 54.8  | 45.3        | 60     | 3     | US-08-718-904-62   |
| 5          | 50    | 41.3        | 59     | 2     | US-08-356-161-15   |
| 6          | 50    | 41.3        | 59     | 3     | US-08-718-904-61   |
| 7          | 50    | 41.3        | 59     | 5     | PCT-US93-05702-15  |
| 8          | 50    | 41.3        | 59     | 5     | PCT-US95-10973A-15 |
| 9          | 47    | 38.8        | 146    | 1     | US-07-997-133-6    |
| 10         | 47    | 38.8        | 146    | 5     | US-07-997-133-6    |
| 11         | 43.6  | 36.0        | 357    | 4     | US-09-525-046-3    |
| 12         | 43.2  | 35.7        | 1519   | 3     | US-09-109-063-3    |
| 13         | 42.2  | 34.9        | 118    | 1     | US-07-734-225A-50  |
| 14         | 42.2  | 34.9        | 118    | 1     | US-07-692-955B-53  |
| 15         | 42.2  | 34.9        | 118    | 1     | US-08-488-457-50   |
| 16         | 42.2  | 34.9        | 118    | 2     | US-08-338-793D-34  |
| 17         | 42.2  | 34.9        | 305    | 1     | US-08-032-842-17   |
| 18         | 42    | 34.7        | 99     | 5     | PCT-US91-02186-9   |
| 19         | 42    | 34.7        | 103    | 1     | US-07-668-517-49   |
| 20         | 42    | 34.7        | 103    | 1     | US-09-098-628-5    |
| 21         | 42    | 34.7        | 103    | 4     | US-09-098-628-5    |
| 22         | 42    | 34.7        | 103    | 5     | PCT-US91-02186-7   |
| 23         | 42    | 34.7        | 103    | 6     | 5187153-23         |
| 24         | 42    | 34.7        | 103    | 6     | 5212286-16         |
| 25         | 42    | 34.7        | 104    | 6     | 5220013-26         |
| 26         | 42    | 34.7        | 151    | 1     | US-08-229-444B-4   |
| 27         | 42    | 34.7        | 166    | 1     | US-07-734-225A-57  |

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| C | 28 | 42 | 34.7 | 166  | 1 | US-07-692-995B-60 | Sequence 60, Appl  |
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|   | 30 | 42 | 34.7 | 168  | 1 | US-07-734-225A-44 | Sequence 44, Appl  |
|   | 31 | 42 | 34.7 | 168  | 1 | US-07-692-995B-47 | Sequence 47, Appl  |
|   | 32 | 42 | 34.7 | 168  | 1 | US-08-488-457-44  | Sequence 44, Appl  |
|   | 33 | 42 | 34.7 | 168  | 2 | US-08-338-793D-30 | Sequence 30, Appl  |
|   | 34 | 42 | 34.7 | 172  | 1 | US-08-218-303-21  | Sequence 21, Appl  |
|   | 35 | 42 | 34.7 | 172  | 2 | US-08-431-459A-28 | Sequence 28, Appl  |
|   | 36 | 42 | 34.7 | 264  | 1 | US-08-095-898-5   | Sequence 5, Appl1  |
|   | 37 | 42 | 34.7 | 264  | 5 | PCT-US92-09439-5  | Sequence 5, Appl1  |
| C | 38 | 42 | 34.7 | 285  | 1 | US-08-458-372-10  | Sequence 11, Appl  |
|   | 39 | 42 | 34.7 | 287  | 1 | US-07-633-5584-11 | Sequence 11, Appl  |
|   | 40 | 42 | 34.7 | 287  | 1 | US-07-609-510B-14 | Sequence 14, Appl  |
|   | 41 | 42 | 34.7 | 287  | 1 | US-08-427-640-22  | Sequence 22, Appl  |
|   | 42 | 42 | 34.7 | 287  | 1 | US-08-458-372-9   | Sequence 9, Appl1  |
|   | 43 | 42 | 34.7 | 287  | 6 | 5506118-5         | Patent No. 5506118 |
|   | 44 | 42 | 34.7 | 1140 | 1 | US-08-218-303-15  | Sequence 15, Appl  |
|   | 45 | 42 | 34.7 | 1140 | 2 | US-08-338-793D-60 | Sequence 60, Appl  |

#### ALIGNMENTS

RESULT 1  
US-08-356-161-14  
; Sequence 14, Application US/08356161  
; Patent No. 5916772  
; GENERAL INFORMATION:  
; APPLICANT: Lappl, Douglas A.  
; APPLICANT: Barthelemy, Isabel  
; APPLICANT: Baird, J. Andrew  
; APPLICANT: Sosnowski, Barbara A.  
; TITLE OF INVENTION: RECOMBINANT PRODUCTION OF  
; TITLE OF INVENTION: SAPORIN-CONTAINING PROTEINS  
; NUMBER OF SEQUENCES: 15  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 701 Fifth Avenue, 6300 Columbia Center  
; CITY: Seattle  
; STATE: WA  
; COUNTRY: USA  
; ZIP: 98104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/356,161  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/356,161  
; FILING DATE: 13-APR-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. 5916772tenbury, Carol  
; REGISTRATION NUMBER: 39,317  
; REFERENCE/DOCKET NUMBER: 760100.404US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 59 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; US-08-356-161-14  
Query Match 45.3%; Score 54.8; DB 2; Length 59;  
Best Local Similarity 96.6%; Pred. No. 3.6e-11;



TELEFAX: (206) 682-6031  
 INFORMATION FOR SEQ ID NO: 62:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 60 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE:  
 OTHER INFORMATION: /product= trp promoter  
 US-08-718-904-62

Query Match 45.3%; Score 54.8; DB 3; Length 60;  
 Best Local Similarity 96.6%; Pred. No. 3.7e-11;  
 Matches 56; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 aatccctgtgacataatcatcgaactagtaactagcagcctgtgctcag 59  
 Db 3 ATTCCCTGTGACAAATTAATCATCGAAGTAACTAGTACGACCTGTGCTCAG 60

RESULT 5  
 US-08-356-161-15  
 Sequence 15, Application US/08356161  
 Patent No. 5916772  
 GENERAL INFORMATION:  
 APPLICANT: Lappi, Douglas A.  
 APPLICANT: Baird, J. Andrew  
 APPLICANT: Sosnowski, Barbara A.  
 TITLE OF INVENTION: RECOMBINANT PRODUCTION OF  
 NUMBER OF SEQUENCES: 15  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: SEED and BERRY LLP  
 STREET: 701 Fifth Avenue, 6300 Columbia Center  
 CITY: Seattle  
 STATE: WA  
 COUNTRY: USA  
 ZIP: 98104  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/356,161  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/356,161  
 FILING DATE: 13-APR-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: No. 5916772tenburg, Carol  
 REGISTRATION NUMBER: 39,317  
 REFERENCE/DOCKET NUMBER: 760100.404US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 622-4900  
 TELEFAX: (206) 682-6031  
 INFORMATION FOR SEQ ID NO: 15:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 59 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 US-08-356-161-15

Query Match 41.3%; Score 50; DB 2; Length 59;  
 Best Local Similarity 100.0%; Pred. No. 2e-09;  
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 ccaagcttgggcatcacatcaatcaatgttattcctaagaataacttaca 121  
 Db 6 CCAAGCTTGGGCATACATTCATCAATGTTATCTAAGAAATACCTTACA 55

RESULT 6  
 US-08-718-904-61  
 Sequence 61, Application US/08718904  
 Patent No. 6037329  
 GENERAL INFORMATION:  
 APPLICANT: Baird, J. Andrew  
 APPLICANT: Chandler, Lois Ann  
 APPLICANT: Sosnowski, Barbara A.  
 TITLE OF INVENTION: COMPOSITIONS CONTAINING NUCLEIC ACIDS AND LIGANDS FOR THERA  
 NUMBER OF SEQUENCES: 128  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: SEED and BERRY LLP  
 STREET: 6300 Columbia Center, 701 Fifth Avenue  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: USA  
 ZIP: 98104-7092  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/718,904  
 FILING DATE: 24-SEP-1996  
 CLASSIFICATION: 424  
 ATTORNEY/AGENT INFORMATION:  
 NAME: No. 6037329tenburg Ph.D., Carol  
 REGISTRATION NUMBER: 39,317  
 REFERENCE/DOCKET NUMBER: 760100.415C1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 622-4900  
 TELEFAX: (206) 682-6031  
 INFORMATION FOR SEQ ID NO: 61:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 59 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE:  
 OTHER INFORMATION: /product= bacteriophage lambda CII ribosome binding site  
 US-08-718-904-61

Query Match 41.3%; Score 50; DB 3; Length 59;  
 Best Local Similarity 100.0%; Pred. No. 2e-09;  
 Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 ccaagcttgggcatcacatcaatcaatgttattcctaagaataacttaca 121  
 Db 6 CCAAGCTTGGGCATACATTCATCAATGTTATCTAAGAAATACCTTACA 55

RESULT 7  
 PCT-US93-05702-15  
 Sequence 15, Application PC/TUS9305702  
 GENERAL INFORMATION:  
 APPLICANT: Lappi, Douglas A.  
 APPLICANT: Baird, J. Andrew  
 APPLICANT: Sosnowski, Barbara A.  
 TITLE OF INVENTION: RECOMBINANT PRODUCTION OF  
 NUMBER OF SEQUENCES: 15  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Filch, Even, Tablin & Flannery

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; STREET: 135 South LaSalle Street, Suite 900
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/05702
; FILING DATE: 19930614
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/901,718
; FILING DATE: 16-JUN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie
; REGISTRATION NUMBER: 33,779
; TELEPHONE: 619-552-1131
; TELEFAX: 619-552-0095
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-552-1131
; TELEFAX: 619-552-0095
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 59 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US93-05702-15

Query Match          41.3%; Score 50; DB 5; Length 59;
Best Local Similarity 100.0%; Pred. No. 2e-09;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 ccaagcttgagcatatcatcaatgttctacgaagaatacttaca 121
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RESULT 8
PCT-US95-10973A-15
; Sequence 15, Application PC/TUS9510973A
; GENERAL INFORMATION:
; APPLICANT: Prizm Pharmaceuticals, Inc.
; TITLE OF INVENTION: CONJUGATES OF VASCULAR ENDOTHELIAL GROWTH FACTOR WITH TARGET
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/10973A
; FILING DATE: 29-AUG-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Nottenburg, Carol
; REGISTRATION NUMBER: 39,317
; TELEPHONE: 760100.413PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
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; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 59 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; OTHER INFORMATION: /product= bacteriophage lambda CII ribosome binding site
; PCT-US95-10973A-15

Query Match          41.3%; Score 50; DB 5; Length 59;
Best Local Similarity 100.0%; Pred. No. 2e-09;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 72 ccaagcttgagcatatcatcaatgttctacgaagaatacttaca 121
Db 6 ccaagcttgagcatatcatcaatgttctacgaagaatacttaca 55

RESULT 9
US-07-997-133-6
; Sequence 6, Application US/07997133
; Patent No. 5288855
; GENERAL INFORMATION:
; APPLICANT: Bergonzoni, Laura
; APPLICANT: Mazue, Guy
; APPLICANT: Isacchi, Antonella
; APPLICANT: Roncucci, Romeo
; APPLICANT: Sarmientos, Paolo
; TITLE OF INVENTION: Extracellular Form of the Human
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ORION, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/997,133
; FILING DATE: 28-DEC-1992
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/642,755
; FILING DATE: 18-JAN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Obion, No. 5288855man F.
; REGISTRATION NUMBER: 24,618
; TELEPHONE: 769-226-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 146 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-997-133-6

Query Match          38.8%; Score 47; DB 1; Length 146;
Best Local Similarity 100.0%; Pred. No. 3.5e-08;
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Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 75 agcttgagcatatcaatcaatgttattcctaagaataacttaca 121  
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RESULT 10  
US-07-997-133-6  
; Sequence 6, Application US/07997133  
; GENERAL INFORMATION:  
; APPLICANT: Bergonzoni, Laura  
; APPLICANT: Mazue, Guy  
; APPLICANT: Isacchi, Antonella  
; APPLICANT: Roncucci, Romeo  
; APPLICANT: Sarmientos, Paolo  
; TITLE OF INVENTION: Extracellular Form of the Human  
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 Jefferson Davis Highway, Fourth Floor  
; City: Arlington  
; STATE: Virginia  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/997,133  
; FILING DATE: 28-DEC-1992  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/642,755  
; FILING DATE: 18-JAN-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oblon, Norman F.  
; REGISTRATION NUMBER: 24,618  
; REFERENCE/DOCKET NUMBER: 769-226-0  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)521-4500  
; TELEFAX: (703)486-2347  
; TELEX: 248855 OPAT UR  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 146 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-07-997-133-6

Query Match 38.8%; Score 47; DB 5; Length 146;  
Best Local Similarity 100.0%; Pred. No. 3.5e-08;  
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 75 agcttgagcatatcaatcaatgttattcctaagaataacttaca 121  
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Db 1 AGCTTGGCATACATCAATCAATGTATTCTAAGGAATAACTTACA 47

RESULT 11  
US-09-525-046-3  
; Sequence 3, Application US/09525046  
; Patent No. 6303359  
; GENERAL INFORMATION:  
; APPLICANT: NINOMIYA, Daiki  
; APPLICANT: Miwa, Tetsuya  
; APPLICANT: ASANO, Minoao

; APPLICANT: NAKAMURA, Nami  
; APPLICANT: NIO, No. 63033591K1  
; TITLE OF INVENTION: DNA MOLECULE ENCODING NEW AMINOPEPTIDASE AND METHOD OF  
; TITLE OF INVENTION: PRODUCING THE AMINOPEPTIDASE  
; FILE REFERENCE: 0010-1094-0  
; CURRENT APPLICATION NUMBER: US/09/525,046  
; CURRENT FILING DATE: 2000-03-14  
; PRIOR APPLICATION NUMBER: JP 11-068255  
; PRIOR FILING DATE: 1999-03-15  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 357  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA  
US-09-525-046-3

Query Match 36.0%; Score 43.6; DB 4; Length 357;  
Best Local Similarity 92.0%; Pred. No. 8.5e-07;  
Matches 46; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 aatccctgttgacaatcaatcgaactagttactagtcgagctt 51  
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Db 271 atccctgttgacaatcaatcgaactagttactagtcgagctt 320

RESULT 12  
US-09-109-063-3  
; Sequence 3, Application US/09109063  
; Patent No. 6013498  
; GENERAL INFORMATION:  
; APPLICANT: YOKOYAMA, KEIICHI  
; APPLICANT: NAKAMURA, NAMI  
; APPLICANT: MIWA, TETSUYA  
; APPLICANT: SEGURO, KATSUYA  
; TITLE OF INVENTION: PROCESS FOR PRODUCING MICROBIAL TRANSGLUTAMINASE  
; FILE REFERENCE: 0010-0937-0  
; CURRENT APPLICATION NUMBER: US/09/109,063  
; CURRENT FILING DATE: 1998-07-02  
; EARLIER APPLICATION NUMBER: JP 180010/1997  
; EARLIER FILING DATE: 1997-07-04  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 3  
; LENGTH: 1519  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC DNA  
; NAME/KEY: CDS  
; LOCATION: (87)..(1082)  
US-09-109-063-3

Query Match 35.7%; Score 43.2; DB 3; Length 1519;  
Best Local Similarity 93.8%; Pred. No. 2.1e-06;  
Matches 45; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4 ttccctgttgacaatcaatcgaactagttactagtcgagctt 51  
|  
Db 2 tccctgttgacaatcaatcgaactagttactagtcgagctt 49

RESULT 13  
US-07-734-225A-50  
; Sequence 50, Application US/07734225A  
; Patent No. 5320840  
; GENERAL INFORMATION:  
; APPLICANT: Camble, Roger

APPLICANT: Timms, David  
APPLICANT: Wilkinson, Anthony J.  
TITLE OF INVENTION: CONTINUOUS RELEASE PHARMACEUTICAL  
TITLE OF INVENTION: COMPOSITIONS  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN  
STREET: Eleventh Floor, 1615 L. Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20036-5601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 19910722  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9016138.1  
FILING DATE: 23-JUL-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9018414.4  
FILING DATE: 23-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9018415.1  
FILING DATE: 23-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9018416.9  
FILING DATE: 23-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9018417.1  
FILING DATE: 23-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9018418.5  
FILING DATE: 23-AUG-1990  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)861-3000  
TELEFAX: (202)822-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 118 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-734-225A-50

Query Match  
Best Local Similarity 34.9%; Score 42.2; DB 1; Length 118;  
Matches 44; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2 aatccctgttgacaattatcgcagactagttactagtagcag 48  
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Db 21 AATGAGCTGTGACATTATCATCATGACACTAGTTACTAGTACGCAG 67

RESULT 14  
US-07-692-995B-53  
Sequence 53, Application US/07692995B  
Patent No. 5416195  
GENERAL INFORMATION:  
APPLICANT: Camble, Roger  
APPLICANT: Heather, Carr  
APPLICANT: Timms, David  
APPLICANT: Wilkinson, Anthony J.  
TITLE OF INVENTION: POLYPEPTIDES  
NUMBER OF SEQUENCES: 66  
CORRESPONDENCE ADDRESS:

ADDRESSEE: CUSHMAN, DARBY & CUSHMAN  
STREET: Eleventh Floor, 1615 L. Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 19910429  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9009623.1  
FILING DATE: 30-APR-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9013773.8  
FILING DATE: 20-JUN-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9016215.7  
FILING DATE: 24-JUL-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9102799.5  
FILING DATE: 11-FEB-1991  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 861-3000  
TELEFAX: (202) 822-0944  
TELEX: 248453 CUSH  
INFORMATION FOR SEQ ID NO: 53:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 118 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-07-692-995B-53

Query Match  
Best Local Similarity 34.9%; Score 42.2; DB 1; Length 118;  
Matches 44; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2 aatccctgttgacaattatcgcagactagttactagtagcag 48  
||| ||||||||||||||||||||||||||||||||||||||||  
Db 21 AATGAGCTGTGACATTATCATCATGACACTAGTTACTAGTACGCAG 67

RESULT 15  
US-08-488-457-50  
Sequence 50, Application US/08488457  
Patent No. 5773581  
GENERAL INFORMATION:  
APPLICANT: Camble, Roger  
APPLICANT: Timms, David  
APPLICANT: Wilkinson, Anthony J.  
TITLE OF INVENTION: CONTINUOUS RELEASE PHARMACEUTICAL  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN, DARBY & CUSHMAN  
STREET: Eleventh Floor, 1615 L. Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20036-5601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:



